



DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
NAVAL AIR SYSTEMS COMMAND HEADQUARTERS
WASHINGTON, DC 20361-0001

IN REPLY REFER TO

NAVAIRINST 5400.13C
AIR-1002
19 Mar 87

NAVAIR INSTRUCTION 5400.13C

From: Commander, Naval Air Systems Command
To: Deputy Commanders, Assistant Commanders, Comptroller, Command Special Assistants, Program Directors, Designated Program Managers, Program Coordinators, Directorate Directors, and Office and Division Directors

Subj: DESIGNATION OF THE E-2/AIRBORNE TACTICAL DATA SYSTEM WEAPON SYSTEM AND C-2/LOGISTIC SUPPORT SYSTEM PROGRAM (PMA231)

Ref: (a) NAVAIRINST 5400.1B
(b) NAVAIRINST 5000.8A
(c) NAVAIRINST 5400.108
(d) DoD Directive 5000.1 of 12 Mar 86
(e) NAVAIRINST 1611.1G

Encl: (1) Charter for the E-2/Airborne Tactical Data System Weapon System and C-2/Logistic Support System Program Manager (PMA231)

1. Purpose. To

a. continue the E-2/Airborne Tactical Data System (ATDS) Weapon System as a designated program under the direction of the Commander, Naval Air Systems Command (COMNAVAIR);

b. assign the responsibility for reprourement of C-2A aircraft to PMA231;

c. redesignate the E-2/ATDS Program as the E-2/ATDS Weapon System and C-2/Logistic Support System (LSS) Program (PMA231); and

d. issue a revised charter that provides the program's scope, operating relationships, organization, resources, and delineates the authority and responsibility of the E-2/ATDS Weapon System and C-2/LSS program manager (PM).

2. Cancellation. This instruction supersedes NAVAIR Instruction 5400.13B of 17 March 1978.

3. Discussion

a. The E-2A/ATDS Weapon System was developed under design criteria established by the Office of the Chief of Naval Operations (OPNAV) operational requirement 06501 issued 2 November 1955. The development was commenced in 1957, and the first deployment was to Southeast Asia in October 1965.



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b. The E-2B/ATDS Weapon System resulted from a modification program in which the hardwired central data processing system in the E-2A was replaced by a general purpose digital computer. The modification program was completed in 1971. All E-2A/ATDS Weapon Systems were converted to E-2B's.

c. The E-2C/ATDS Weapon System was developed in response to specific operational requirement number 31-20 dated 29 December 1966, and development concept paper number 26 of 26 April 1968, with revision 1 of 24 June 1971. The first E-2C deployment was to the Mediterranean in September 1974.

d. The C-2A aircraft was developed in response to specific operational requirement number W41-01 dated 23 July 1962. The reprourement program was initiated in response to OPNAV message 241809Z April 1981.

4. Action

a. Effective March 1984, CAPT Harold E. Seligson, USN, was designated as PM of the E-2/ATDS Weapon System and C-2/LSS programs (PMA231) to organize and execute the program following the authority and direction provided by enclosure (1). The PM receives his authority from, and is responsible and accountable to COMNAVAIR for the discharge of the latter's responsibility for management of the E-2/ATDS and C-2/LSS programs. The PM reports directly to COMNAVAIR via the Program Director Air for Tactical Aircraft Programs (PDA10). PDA10 provides supervisory oversight, monitors and evaluates the ongoing performance of the E-2/ATDS and C-2/LSS program office throughout its life cycle, makes recommendations as appropriate, and advises COMNAVAIR of program status and progress.

b. The Deputy Commander for Program Support (AIR-01), as the acquisition executive reporting to COMNAVAIR, is responsible for developing, interpreting, and issuing acquisition policy and requirements. AIR-01 is also responsible for providing a wide variety of staff support for the PM, and in conjunction with PDA10, provides coordination and advisory assistance to the PM in ensuring compliance with Naval Air Systems Command (NAVAIR) acquisition management policies, practices, and compatibility with the program's goals and objectives as determined by COMNAVAIR and higher authority. In order for AIR-01 to perform as acquisition executive and provide program support duties, the PM and PDA10 will keep AIR-01 informed on program status.

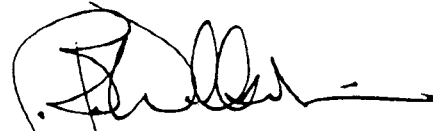
c. The functional organizations of NAVAIR will support the PM as specified in references (a) through (d), enclosure (1), and such other directives as may be issued by higher authority. Reference (e) establishes other requirements and responsibilities, and is addressed in enclosure (1).

5. PM's serving the ATDS Weapon System and LSS program (PMA231) since CAPT C. J. Moore, USN (chartered by NAVAIR Instruction 5400.13B of 17 March 1978 (canceled)) are as follows:

CAPT J. E. Hoch
Mr. W. L. Wagner
CAPT R. C. Gentz, USN

June 1980 - July 1982
July 1982 - December 1983
December 1983 - March 1984

6. Approval. The charter (enclosure (1)) is hereby approved.



J. B. WILKINSON

Copy to: (2 each unless otherwise indicated)

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CHARTER FOR THE E-2/AIRBORNE TACTICAL DATA SYSTEM WEAPON SYSTEM
AND C-2/LOGISTIC SUPPORT SYSTEM PROGRAM MANAGER (PMA231)

Ref: (a) NAVAIRINST 5400.1B
(b) NAVAIRINST 5000.8A
(c) NAVAIRINST 5400.108
(d) DoD Directive 5000.1 of 12 Mar 86
(e) NAVAIRINST 1611.1G

1. Introduction. This charter provides the mission, authority and responsibility of the E-2/Airborne Tactical Data System (ATDS) Weapon System and the C-2/Logistic Support System (LSS) program manager (PM), and provides the program's scope, operating relationships, organization, and resources.

2. References. This program will be conducted following management principles identified in references (a) through (e).

3. System Descriptions

a. The E-2/ATDS Weapon System is a complete carrier-based aircraft designed to provide airborne early warning against airborne threats at all altitudes. The E-2B/C operate on two different types of engines (E-2B/T-56-426; E-2C/T-56-425), and each carries a crew of five. Each is capable of all-weather operation, with ultrahigh frequency radar providing coverage to the radar horizon. Each includes a 24-foot rotodome mounted on the fuselage, pressurized crew area, complete data link system (air-to-surface and interceptor control), simultaneous height finding, and search capability, and a doppler inertial navigation system.

b. The E-2C/ATDS is a follow-on version of the E-2B/ATDS which uses essentially the same airframe, but features an improved avionics system, including a passive detection system. The mission is essentially the same as the E-2B/ATDS Weapon System.

c. The C-2A/LSS is a carrier onboard delivery (COD) aircraft for aerial supply and resupply of high priority cargo, passengers, and mail to deployed carrier battle groups. The reprocurment C-2A is essentially the same as the C-2A original but with the T-56A-425 engine (same as E-2C) and with necessary upgrades in materials and avionics as dictated by manufacturing standards and fleet supportability.

4. Scope of the Program

a. The scope of the E-2/ATDS effort consists of the definition, development, test and evaluation, acquisition, initial support, and readiness improvement of the E-2/ATDS Weapon System. This includes subsystems and components thereof, spares, repair parts, peculiar, and common support equipment, weapon system trainers/flight simulators, naval air maintenance trainers, and all supporting technical documentation, including shipboard support systems requirements definition. Funds listed in the Five-Year

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Defense Program (FYDP) and assigned to the PM to obligate in executing program objectives are included in E-2/ATDS Program elements 24152N, 24156N, and parts thereof, and any others that may be assigned as being in direct support of E-2/ATDS mission programs.

b. The scope of the C-2/LSS effort consists of the acquisition, initial support, and readiness improvement of the enlarged COD force of C-2A aircraft. This will include subsystems and components thereof, initial spares and repair parts, support equipment, and all supporting technical documentation. Funds listed in the FYDP and assigned to the PM to obligate in executing the program objectives are included in C-2 program elements 24151N, 24156N, and parts thereof, and any others that may be assigned as being in direct support of the C-2 mission program.

c. This is an acquisition category IIS (Post Milestone III) program.

d. The PM's billet (military officer (O-6)) is equivalent to a major command.

e. This is a major program.

5. Authorities and Responsibilities

a. Mission. CAPT Harold E. Seligson, USN, is assigned as PM of the E-2/ATDS and C-2/LSS programs (PMA231). The PM's primary mission is to provide to the operating forces of the Navy a fully developed, supportable, and reliable E-2/ATDS weapon system and C-2/LSS system which will satisfy approved operational requirements. In addition, the PM will manage the acquisition and support of similar systems for foreign governments, when required, in support of defense security assistance programs (DSAP's).

b. General. The PM is the single central executive responsible for the successful management of assigned programs and accomplishment of the objectives stated in this charter. He has broad directive authority within the scope of the charter over the planning, direction, control, and utilization of resources of approved programs and over program efforts of in-house and contractor organizations, including assignment of responsibility, as appropriate, to the various Naval Air Systems Command Headquarters (NAVAIRHQ) functional organizational elements under the overall framework outlined in references (a) through (d). As the responsible executive, he is expected to act on his own initiative in matters affecting assigned programs. In those cases where action is required beyond the authority granted in this charter, he will refer the action to higher authority with his recommendations, including alternatives available. When a line official above the PM exercises decision authority on program matters, the decision will be documented, and a copy will be forwarded to the decision authority, as official program direction to the PM. The line official will be held accountable for the decision (reference (d)).

c. Specific Authorities and Responsibilities. The PM is authorized to prepare and sign fitness reports for all military personnel (Commander and

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below) assigned full time to the program office, and concurrent fitness reports on all officers working for him in functional management under the authority of this charter (reference (e)). The PM is also authorized to execute performance evaluations applicable for civilian personnel assigned full time to this office and for the civilian assistant program manager, logistics or assistant program manager, systems and engineering working for him in functional areas under the authority of this charter. The PM may provide and evaluate one objective of that employee to be included in the yearly performance management recognition system.

6. Limitation of Authority. Limitations of the PM's delegated authority are as follows:

a. The PM does not have the authority to deviate from established policy.

b. Communication, action or inaction, in any form which contractors may interpret as directional, will be conducted through an appropriately assigned contracting officer.

7. Relationship to Chartering Authority. The PM receives his authority from, and is responsible and accountable to the Commander, Naval Air Systems Command (COMNAVAIR) for the discharge of the latter's responsibility for the management of the E-2/ATDS and C-2/LSS programs. The PM reports to COMNAVAIR via the Program Director Air for Tactical Aircraft Programs (PDA10). PDA10 provides supervisory oversight, monitors and evaluates the ongoing performance of the E-2/ATDS and C-2/LSS program office throughout its life cycle, makes recommendations as appropriate, and advises COMNAVAIR of program status and progress. Matters requiring COMNAVAIR's attention will first be coordinated with PDA10 who will, if possible, accompany the PM to see COMNAVAIR. When PDA10 is unavailable and urgency dictates immediate communication with COMNAVAIR, the PM will brief PDA10 as soon as he is available.

8. Specific Interface and Operating Relationships. The PM will accomplish the following:

a. Coordinate appropriate interface segments of the program with other PM's and systems commands (SYSCOM's) to ensure a totally coordinated effort and establish and issue design interface specifications to ensure weapon systems integration. The PM will maintain liaison and coordination with cognizant Naval Sea Systems Command Headquarters PM's, technical directors and logistics division directors to ensure adequate planning, integration, and support of the E-2/ATDS Weapon System and C-2/LSS programs. Interface problems not resolved will be referred directly to the appropriate senior management official.

b. The PM will respond to DSAP requirements. As required by the recipient foreign country, the PM will provide overall initiation, guidance, coordination and review of United States contracts/Navy efforts in logistically supporting and sustaining in-country inventory of weapon systems under his cognizance. The PM also will maintain close liaison with the NAVAIRHQ Defense Security Assistance Division (AIR-103), the Naval Supply

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Systems Command (SUP-07) and the Office of the Chief of Naval Operations (OPNAV (OP-63)) on DSAP matters.

c. Maintain active liaison with cognizant program coordinators in OPNAV, following the Navy Programming Manual. The PM will keep the foregoing personnel fully informed of the status and progress of the program through formal and informal communication. OPNAV will direct and control the activation and deployment of the E-2/ATDS weapon system and C-2/LSS into fleet units.

d. Keep the Commander, Naval Military Personnel Command (COMNAVMILPERSCOM) fully informed of military personnel requirements of the E-2 and C-2 weapon systems. Military personnel requirements information normally will be transmitted to COMNAVMILPERSCOM through the cognizant program coordinators in OPNAV.

e. Maintain a continuing review of operational requirements, including inventory objectives established by higher authorities for the program to ensure timeliness, accuracy, consistency and compatibility with program plans and funding availability. When inconsistent and incompatible requirements and objectives cannot be resolved by the PM, the problems and recommendations will be submitted, in writing, to COMNAVAIR and appropriate higher authorities for resolution.

f. Establish appropriate requirements for, and monitor the acquisition of, special or additional facilities necessary to support test, evaluation, installation, operation, and maintenance of the E-2/ATDS Weapon System, C-2/LSS, and supporting devices. He will ensure that facilities planning criteria are developed with Naval Facilities Engineering Command Headquarters (Code 2013) representatives and published in NAVFAC P-80; and he will further ensure that the requirements for new facilities and for modifications to existing facilities are made known to participating organizations so that planning, programming and construction schedules will be responsive for support of the E-2/ATDS Weapon System and C-2/LSS programs.

g. The PM will ensure a test and evaluation master plan is prepared. Liaison will be maintained with cognizant personnel at the Naval Air Systems Command (NAVAIR) test and evaluation activities during developmental test and evaluation and jointly therewith assure COMNAVAIR concerning the readiness of the systems for operational evaluation and fleet use. The PM will maintain active liaison with cognizant personnel in OPNAV, the Operational Test and Evaluation Force and the Office of the Secretary of Defense on the operational test and evaluation of the systems. When concurrent evaluations (technical and operational) are conducted, the PM will ensure that NAVAIR's responsibilities for the technical phases thereof are coordinated and accomplished. Contractor tests and demonstrations will be performed per original and follow-on contracts.

9. Program Staffing and Organization. The program office (PMA231) will be organized by, and will function under the direction of the PM. The program office organization is shown in appendix A.

10. Participating Organizations

a. Other key manpower resources are listed in appendix B. All elements of NAVAIRHQ will provide support to the PM following the assignment of responsibilities in references (a) through (d). The PM is authorized direct liaison with all NAVAIRHQ divisions and directorates in the exercise of his responsibilities.

b. The E-2/ATDS Weapon System and C-2/LSS programs will be supported by the SYSCOM's following material support responsibilities assigned in SYSCOM's charters.

c. Activities participating in the execution of the program are listed in appendix C, and more activities will be added as required. Direct liaison with all activities concerned with the program is authorized. Under the PM's guidance, formal work assignments to NAVAIRHQ field activities will be coordinated by the appropriate functional organization in NAVAIRHQ. Work assignments to activities not under NAVAIRHQ cognizance will be cleared initially with appropriate headquarters organizations as required per established procedures.

11. Congressional and Public Information COMNAVAIR is responsible for coordination and dissemination of public information relative to the program within the Department of the Navy, to legislative bodies, to industry, and to the general public. This responsibility has been delegated to the NAVAIRHQ Legislative and Public Affairs Office (AIR-07D).

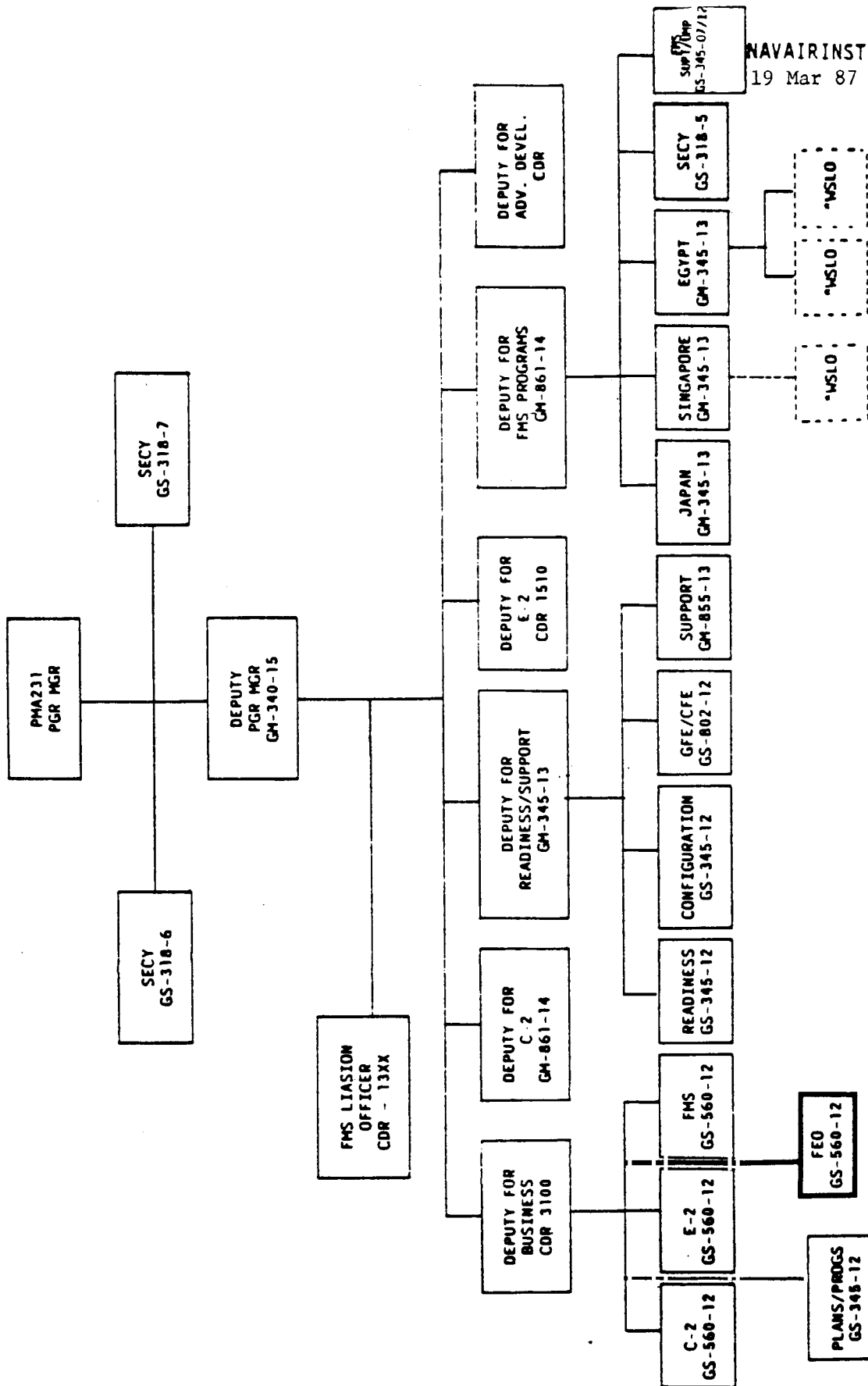
12. Resources Assessment

a. The PM will evaluate and document the effect of proposals to increase or decrease the resources authorized for the execution of the program and will determine the effect of proposed changes on approved cost, schedules, procurement plans, and performance objectives. The PM's evaluation will be considered by officials having final decision authority during programming, reprogramming, and budgeting deliberations.

b. OPNAV will be informed through channels in any instance where the requirements of the program cannot be met within the resources and time available.

13. Program Transition or Disestablishment This program will be reviewed periodically to determine if it has accomplished its objectives. If the review indicates the objectives have been or are about to be accomplished, a transition plan will be issued to ensure a smooth disposition of remaining resources, responsibilities, and functions.

E-2/AIRBORNE TACTICAL DATA SYSTEM WEAPON SYSTEM AND
C-2/LOGISTIC SUPPORT SYSTEM PROGRAM
PMA231



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OTHER KEY MANPOWER RESOURCES

ASSISTANT PROGRAM MANAGERS AND PROGRAM SUPPORT OFFICERS

<u>Title and Subject</u>	<u>Code</u>
Contracts, E-2 and C-2	AIR-21412
Assistant Program Manager, Logistics, E-2	AIR-41014A
Assistant Program Manager, Logistics (C-2)	AIR-41014B
Assistant Program Manager, Systems and Engineering	AIR-5113C
Survivability and Vulnerability	AIR-5164
Assistant Program Manager for Test and Evaluation	AIR-120
Research, Development, Test and Evaluation Budget	AIR-803

ACTIVITIES PARTICIPATING IN THE PROGRAM

<u>ACTIVITY</u>	<u>LOCATION</u>	<u>EXAMPLES AND TYPE OF WORK</u>
Naval Air Test Center	Patuxent River, MD	Conduct Board of Inspection and Survey trials, tests, and fleet/logistic support functions assigned by Airtask. Witnessing authority for contractor demonstrations.
Naval Air Development Center	Warminster, PA	Tests assigned by Airtasks. Analysis of structures reports.
Commander, Operational Test and Evaluation Force	Norfolk, VA	Operational test and evaluation.
Naval Avionics Center	Indianapolis, IN	Development of government furnished equipment.
Naval Air Engineering Center	Lakehurst, NJ	Analyze aero support requirements/shipboard.
Naval Training Systems Center	Orlando, FL	Monitoring of training devices.
Navy Aviation Supply Office	Philadelphia, PA	Spares and peculiar support equipment support.
Naval Air Technical Services Facility	Philadelphia, PA	Publication and technical data.
Naval Plant Representative Office	Bethpage, LI, NY	Contract administration.
Naval Air Rework Facility	Alameda, CA	Engine overhaul.
Naval Weapons Engineering Support Activity	Washington, DC	Quality assurance; level of repair analysis; integrated logistic support engineering; and management assistance.
Naval Aviation Logistics Center	Patuxent River, MD	Maintenance analysis.
Naval Air Rework Facility	Norfolk, VA	Engine overhaul.

ACTIVITIES PARTICIPATING IN THE PROGRAM (con.)

Naval Air Rework Facility	North Island, San Diego, CA	Standard depot level maintenance component. Technical support assigned by approved weapon system support decisions.
Pacific Missile Test Center	Pt. Mugu, CA	Laboratory/flight test of air technical data systems equipment.
Fleet Combat Direction Systems Support Activity	San Diego, CA	Computer programming.